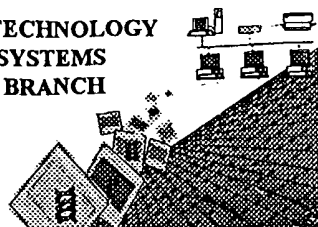


Raw Sequence Listing Error Summary

ERROR DETECTED	SUGGESTED CORRECTION	SERIAL NUMBER: 10/848,755
ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE		
1 _____ Wrapped Nucleics Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."	
2 _____ Invalid Line Length	The rules require that a line not exceed 72 characters in length. This includes white spaces.	
3 _____ Misaligned Amino Numbering	The numbering under each 5 th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.	
4 _____ Non-ASCII	The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.	
5 _____ Variable Length	Sequence(s) _____ contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.	
6 _____ PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.	
7 _____ Skipped Sequences (OLD RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence: (2) INFORMATION FOR SEQ ID NO: X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION: SEQ ID NO: X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped. Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.	
8 _____ Skipped Sequences (NEW RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence: <210> sequence id number <400> sequence id number 000	
9 _____ Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.	
10 ✓ Invalid <213> Response	Per 1.823 of Sequence Rules, the only valid <213> responses are: <u>Unknown, Artificial Sequence, or scientific name (Genus/species)</u> . <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence	
11 _____ Use of <220>	Sequence(s) _____ missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 00/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)	
12 _____ PatentIn 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.	
13 _____ Misuse of n/Xaa	"n" can only represent a single <u>nucleotide</u> ; "Xaa" can only represent a single <u>amino acid</u>	



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/848 755
Source: IFCWO
Date Processed by STIC: 5/25/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04):
U.S. Patent and Trademark Office, 220 20th Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202



IFWO

RAW SEQUENCE LISTING

DATE: 05/25/2004

PATENT APPLICATION: US/10/848,755

TIME: 10:34:21

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 5 <120> TITLE OF INVENTION: HUMAN DIAPHANOUS-3 GENE AND METHODS OF USE THEREFOR
 7 <130> FILE REFERENCE: 9301-196-999
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/848,755
 C--> 10 <141> CURRENT FILING DATE: 2004-05-18
 12 <150> PRIOR APPLICATION NUMBER: 60/471,842
 13 <151> PRIOR FILING DATE: 2003-05-11
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PS.6
 Does Not Comply
 Corrected Diskette Needed

(PS.4) ↩

RAW SEQUENCE LISTING

DATE: 05/25/2004

PATENT APPLICATION: US/10/848,755

TIME: 10:34:21

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DATE: 05/25/2004

PATENT APPLICATION: US/10/848,755

TIME: 10:34:21

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RAW SEQUENCE LISTING

DATE: 05/25/2004

PATENT APPLICATION: US/10/848,755

TIME: 10:34:21

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317 35 40 45
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325 65 70 75 80
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357 195 200 205
360 Ser Trp Val Glu Ser Phe Gly His Glu Gly Leu Gly Leu Leu Leu Asp
361 210 215 220
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365 225 230 235 240
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372 Gln Tyr Gly Leu Glu Arg Ile Met Ser Glu Glu Arg Ser Leu Ser Leu
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376 Leu Ala Lys Ala Val Asp Pro Arg His Pro Asn Met Met Thr Asp Val

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Invalid Response, pls see item #10 on ERROR summary sheet.

RAW SEQUENCE LISTING

DATE: 05/25/2004

PATENT APPLICATION: US/10/848,755

TIME: 10:34:21

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400 Gly Leu Lys Glu Ile Leu Pro Asn Leu Lys Cys Ile Lys Asn Asp Gly
401          370          375          380
404 Leu Asp Ile Gln Leu Lys Val Phe Asp Glu His Lys Glu Glu Asp Leu
405 385          390          395          400
408 Phe Glu Leu Ser His Arg Leu Glu Asp Ile Arg Ala Glu Leu Asp Glu
409          405          410          415
412 Ala Tyr Asp Val Tyr Asn Met Val Trp Ser Thr Val Lys Glu Thr Arg
413          420          425          430
416 Ala Glu Gly Tyr Phe Ile Ser Ile Leu Gln His Leu Leu Leu Ile Arg
417          435          440          445
420 Asn Asp Tyr Phe Ile Arg Gln Gln Tyr Phe Lys Leu Ile Asp Glu Cys
421          450          455          460
424 Val Ser Gln Ile Val Leu His Arg Asp Gly Met Asp Pro Asp Phe Thr
425 465          470          475          480
428 Tyr Arg Lys Arg Leu Asp Leu Asp Leu Thr Gln Phe Val Asp Ile Cys
429          485          490          495
432 Ile Asp Gln Ala Lys Leu Glu Glu Phe Glu Glu Lys Ala Ser Glu Leu
433          500          505          510
436 Tyr Lys Lys Phe Glu Lys Glu Phe Thr Asp His Gln Glu Thr Gln Ala
437          515          520          525
440 Glu Leu Gln Lys Lys Glu Ala Lys Ile Asn Glu Leu Gln Ala Glu Leu
441          530          535          540
444 Gln Ala Phe Lys Ser Gln Phe Gly Ala Leu Pro Ala Asp Cys Asn Ile
445 545          550          555          560
448 Pro Leu Pro Pro Ser Lys Glu Gly Gly Thr Gly His Ser Ala Leu Pro
449          565          570          575
452 Pro Pro Pro Pro Leu Pro Ser Gly Gly Gly Val Pro Pro Pro Pro Pro
453          580          585          590
456 Pro Pro Pro Pro Pro Pro Leu Pro Gly Met Arg Met Pro Phe Ser Gly
457          595          600          605
460 Pro Val Pro Pro Pro Pro Pro Leu Gly Phe Leu Gly Gly Gln Asn Ser
461          610          615          620
464 Pro Pro Leu Pro Ile Leu Pro Phe Gly Leu Lys Pro Lys Lys Glu Phe
465 625          630          635          640
468 Lys Pro Glu Ile Ser Met Arg Arg Leu Asn Trp Leu Lys Ile Arg Pro
469          645          650          655
472 His Glu Met Thr Glu Asn Cys Phe Trp Ile Lys Val Asn Glu Asn Lys
473          660          665          670

```

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/848,755

DATE: 05/25/2004
TIME: 10:34:22

Input Set : D:\9301196999.txt
Output Set: N:\CRF4\05252004\J848755.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:118; N Pos. 1246,1256
Seq#:130; N Pos. 4,36,50,56,60
Seq#:171; N Pos. 2741
Seq#:178; N Pos. 13

VERIFICATION SUMMARY

DATE: 05/25/2004

PATENT APPLICATION: US/10/848,755

TIME: 10:34:22

Input Set : D:\9301196999.txt

Output Set: N:\CRF4\05252004\J848755.raw

L:9 M:270 C: Current Application Number differs, Replaced Application Number
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:7666 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:118 after pos.:1200
L:8653 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:130 after pos.:0
L:13161 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:171 after pos.:2700
L:13680 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:178 after pos.:0